



Teledyne Reynolds, Incorporated

1001 Knox Street.

Torrance, California

90502

TEL: (310) 823-5491 • FAX #1: (310) 822-8046

FAX #2: (310) 822-6815 • tri_techsupport@teledyne.com

Part Number 178-5141, High Voltage Microflex

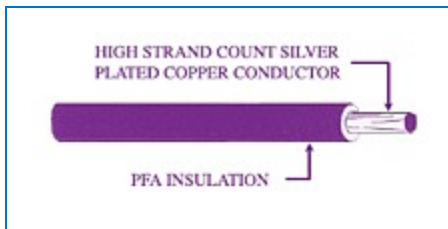
List Price

QUOTE

Micro Flex wire and cable, like FEP high voltage wire and cable, is available uncoated or with a silicone rubber coating over the PFA insulation. The coated cable is processed with a silicone rubber coating continuously applied to the etched surface of the cable. The coated cable has characteristics similar to silicone rubber cable and a superior dielectric bond to silicone rubber potting or bonding material can be achieved.

Operating Temperature

-55 to +125 °C



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Specifications

Conductor Gauge	24 AWG
Conductor Strands	41/40
Wire Type	Non-Shielded
Insulator Material	PFA
Conductor Diameter	0.022 in 0.58 mm
Diameter Over Insulator	0.050 in 1.27 mm
Overall Diameter	0.050 in
Default Color	Natural
Conductor Plating	Silver Plated
Operating Temperature	-55 to 125 °C
Standard/Non-Standard¹	Standard Part

Conductor Material	Copper
Voltage Rating	18 kVDC

Options

Optional Color	Black Blue Brown Green Grey Orange Red Violet White Yellow
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Cable / Wire Properties

Jacketed	No
Silicone Coated	No
Etched	No
Twisted Pair	No
Twisted Shielded Pair	No

Alternate Cable Part Number Equivalents

Etched Part Number	178-5142
Silicone Coated Part Number	178-5143

¹ Non-standard parts will have longer lead times and potentially higher pricing. Please contact Teledyne Reynolds Engineering department to determine feasibility for use in your application.